

Superfund Long-Term Human Health Protection Worksheet

Definition: The Long-Term Human Health Protection EI documents the progress achieved towards providing long-term human health protection by measuring the incremental progress achieved in controlling unacceptable human exposures at a site.

Site Name: ANACONDA ALUMINUM CO COLUMBIA FALLS REDUCTION EPA ID: MTD057561763

PLANT

HE Survey Status: Insufficient Data to Determine Human Exposure Control Status

Estimated Under Control Date:

Estimated Date for Sufficient Information to make a HE Determination (if HEID): 12/31/23

Estimated LTHHP will be Achieved:

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

An Administrative Order on Consent for RI/FS was recently signed. Field investigations are planned for 2016. Once data has been collected and validated, a conceptual site model will be developed which will show all the human exposure pathways. This is anticipated to be developed in 2017.

Skip to Step 5	Step 1. Is there sufficient known and reliable information to make an evaluation on human exposures at this site? Answer: No Reference Doc(s):	No	Insufficient Data to Determine Human Exposure Control Status
	↓ Yes		
	Step 2. Have all human exposure-related cleanup goals been met for the entire site? Answer: Reference Doc(s):	Yes	Long-Term Human Health Protection Achieved
	↓ No		
	Step 3. Are there complete human exposure pathways between contaminated groundwater, surface water, soil, sediment or air media and human receptors such that exposures can be reasonably expected under current conditions? Answer: Reference Doc(s):	No	
	↓ Yes		
	Step 4. Are the actual or reasonably expected human exposures associated with the complete pathways identified in Step 3 with acceptable limits under current conditions? Answer: Reference Doc(s):	No	Current Human Exposures Not Controlled
	↓ Yes		
	Step 5. Is the site Construction Complete, is the remedy operating as intended, and are engineering and institutional controls, if required, in place and effective? Answer: Reference Doc(s):	No	Current Human Exposures Controlled
		Yes	Current Human Exposure Controlled and Protective Remedy in Place
	Step 6. Are there continuing exposures at the site? Answer: Answer "Yes" only if EPA (or a state or PRP) has extended all response actions and legal authorities to prevent unacceptable human exposures, yet exposures continue due to a refusal by the property owner(s) to participate in the remedy (e.g., refusal to accept a municipal water supply hookup) AND the region wishes to exercise its discretion to classify this site as Human Exposure Under Control, consistent with the requirements laid out in the Superfund Environmental Indicators Guidance (OSWER 9285 02, March 2008, pages 4-10 and 4-11).		

Remedial Project Manager Cirian, Mike

Date Completed

Superfund Migration of Contaminated Ground Water Under Control Worksheet

Definition: Is the migration of contaminated ground water being controlled through engineered or natural processes?

Site Name: ANACONDA ALUMINUM CO COLUMBIA FALLS REDUCTION EPA ID: MTD057561763

PLANT

GW Survey Status: Insufficient Data to Determine Contaminated Groundwater Migration Control Status

Estimated Under Control Date:

Estimated Date for Sufficient Information to Make a GM Determination (if GMID): 12/31/23

Justification Text: If site status has changed. Please enter a justification as to why the status has changed:

Q. Does the site currently have contaminated ground water or did site conditions warrant EPA's investigation or remediation of ground water contamination in the past?

Answer: Yes

No

Stop, you do not need to complete the GM EI

Yes

Insufficient Data/No

Step 1. Based on the most current data on the site, has all available relevant/significant information on known and reasonably suspected releases to ground water been considered in this determination?

Answer: Insufficient Data

Reference Doc(s):

Yes

Insufficient Data

Step 2. Is ground water known or reasonably suspected to be "contaminated" above appropriately protective risk-based "levels" (applicable promulgated standards, as well as other appropriate standards, guidelines, or criteria) as a result of a release from the site?

Answer:

Reference Doc(s):

No

Contaminated Ground Water Migration Under Control

Yes

Insufficient Data

Step 3. Is the migration of contaminated ground water stabilized (such that contaminated ground water is expected to remain within "existing area of contaminated ground water") as defined by the monitoring locations designated at the time of this determination?

Answer:

Reference Doc(s):

No

Yes

Insufficient Data

Step 4. Does "contaminated" ground water discharge into surface water bodies?

Answer:

Reference Doc(s):

No

Yes

Insufficient Data

Step 5. Can the discharge of "contaminated" ground water into the surface water be shown to be "currently acceptable" as defined (i.e., not cause unacceptable impacts to surface water, sediments, or ecosystems that should not be allowed to continue until a final remedy decision can be made and implemented.

Answer:

Reference Doc(s):

No

Yes

Insufficient Data

Step 6. Will ground water monitoring/measurement data (and surface water/sediment/ecological data as necessary) be collected in the future to verify that contaminated ground water has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area" of contaminated ground water?

Answer:

Reference Doc(s):

No

Yes

Insufficient Data to Determine Contaminated Ground Water Migration Under Control Status

Contaminated Ground Water Migration Under Control

Contaminated Ground Water Migration Not Under Control

